

# NM EQIP FY 2006 Ranking Criteria Worksheet - Irrigated Cropland - Cuba F.O.

Applicant \_\_\_\_\_ Farm No. \_\_\_\_\_ Tract No. \_\_\_\_\_ CMS Field No's. \_\_\_\_\_ Date \_\_\_\_\_

Tribal Land \_\_\_\_\_ Non-Tribal Land \_\_\_\_\_ Preliminary \_\_\_\_\_ Final \_\_\_\_\_

## 1. Water Quantity - 30 Potential Points (30% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times any multiplier. Total equals after minus benchmark pts.			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
<b>1. Water Quantity</b>			<b>Total</b>		

## 2. Water Quality - 30 Potential Points (30% of Total)

A. Surface Water Pollutants - 15 Maximum Points			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of the field to the nearest live waters or re-entry point into a shared system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	15	0	
101 - 500 Ft.	12	0	
501 - 1,320 Ft.	8	0	
1,321 - 2,640 Ft.	4	0	
>2,640 Feet	0	0	
A. Surface Water	<b>Total</b>	0	
B. Ground Water Pollutants - 15 Maximum Points			
There is a probability that irrigation water containing salt, pesticides, and/or other nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and/or direct flow into wells. Points will be awarded based on depth to the water table or elimination of any direct discharge to ground water (regardless of depth to the water table).			
Depth to Water Table	Potential Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	15		
10 - 50 Ft.	10		
50 -100 Ft.	5		
>100 Ft.	1		
B. Ground Water			
<b>2. Water Quality</b>	<b>Total</b>		

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### 3. Selected Conservation Practice(s) - 30 Potential Points (30% of Total)

Any practice used in the ranking criteria and intended to be included in the conservation schedule of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Select resource concerns from NM Quality Criteria Guide.	Potential Points	Percent of Need to be Installed	After Points
<b>Water Quantity - Maximum Potential Points of Category - 16</b>			
441,442 Irrigation System (Drip, Sprinkler - converted from flood) Inefficient H2O U	10		
430 Irrigation Pipeline Excessive Seepage	6		
587 Structure for Water Control Excessive Runoff/Ponding	5		
466 Land Smoothing or Excessive Runoff/Ponding	5		
464 Land Leveling Excessive Runoff/Ponding	5		
428 Concrete Ditch Lining Excessive Seepage	5		
<b>Soil Erosion - Maximum Potential Points of Category - 5</b>			
512 Pasture Planting Sheet and Rill	5		
340 Winter Cover Crop Planting Wind Erosion	5		
<b>Water Quality - Maximum Potential Points of Category - 5</b>			
447 Tailwater Recovery Excessive Nutrients in Surface H2O	5		
386,393 Field Border, Filter Strip Excessive Nutrients in Surface H2O	5		
<b>Animals - Maximum Potential Points of Category - 4</b>			
382 Fence- In order to facilitate a grazing plan including proper stocking rate	2		
614 Trough- "Domestic Animal - Inadequate Water	2		
<b>3. Selected Conservation Practices</b>	<b>Total</b>		

### 4. Other Considerations - 10 Potential Points (10% of Total)

Items A thru D are required. If there are other criteria the D.C. wants to recommend based on LWG advice, please include it as item E.	Potential Points	Benchmark Points	After Points
A. At risk species habitat will be enhanced. (List the species impacted)	2	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	1	0	
C. Treatment of this land could enhance the benefits of an active/planned section 309 proj	1	0	
D. The land is within a NMED designated Category I watershed.	1	0	
E. Participating in the District Noxious Weed Program	5	0	
<b>4. Other Considerations</b>	<b>Total</b>	0	

Total Points (After minus Benchmark): Sec 1\_\_\_\_\_ Sec 2\_\_\_\_\_ Sec 3\_\_\_\_\_ Sec 4\_\_\_\_\_ Worksheet Total\_\_\_\_\_

\*A minimum of 15 total points must be earned to be considered for contract selection.

\_\_\_\_\_  
Designated Conservationist

\_\_\_\_\_  
Date